ALTINEX

SHOWTIME

Solution In A Box

for classrooms

SHOWTIME

Integrated AV Classroom Solution

Showtime Model	Computer + Stereo Devices	Video + Stereo Devices	Speakers
Model 2800 *(PN: YZ100-800)*	4	4	2
Model 2600 *(PN: YZ100-600)*	3	3	2
Model 2400 *(PN: YZ100-400)*	2	2	2
Model 2300 *(PN: YZ100-300)*	2	1	2
Model 2200 *(PN: YZ100-200)*	1	1	2
Model 2100 *(PN: YZ100-100)*	1	0	2
Model 1200 *(PN: YZ080-200)*	1	1	0*
Model 1100 *(PN: YZ080-100)*	1	0	0*
Model 900 *(PN: YZ050-900)*	1	1	0**
Model 800 *(PN: YZ050-800)*	1	0	0**

*** No Cables | ** No Amp**

Today, educators are faced with a myriad of challenges when teaching our next generation of citizens, leaders, and business people. Presenting information in an age of Internet, cellular phones, texting, Apple® iPods™, and Sony PlayStations® have never been more difficult. Many educators are reinforcing their instruction with multimedia but school budgets never seem to support this methodology – until now. Altinex, a leading manufacturer of audio-visual multimedia products, has designed a set of "solution kits" that cut the costs associated with integrated multimedia rooms. These kits use the brand name "Showtime" in reference to the complete theatrical presentation of a story or concept. These kits include all the electronics, cables, and controls needed to create a professional, easy-to-use AV presentation room for schools.

challenges facing today's teachers

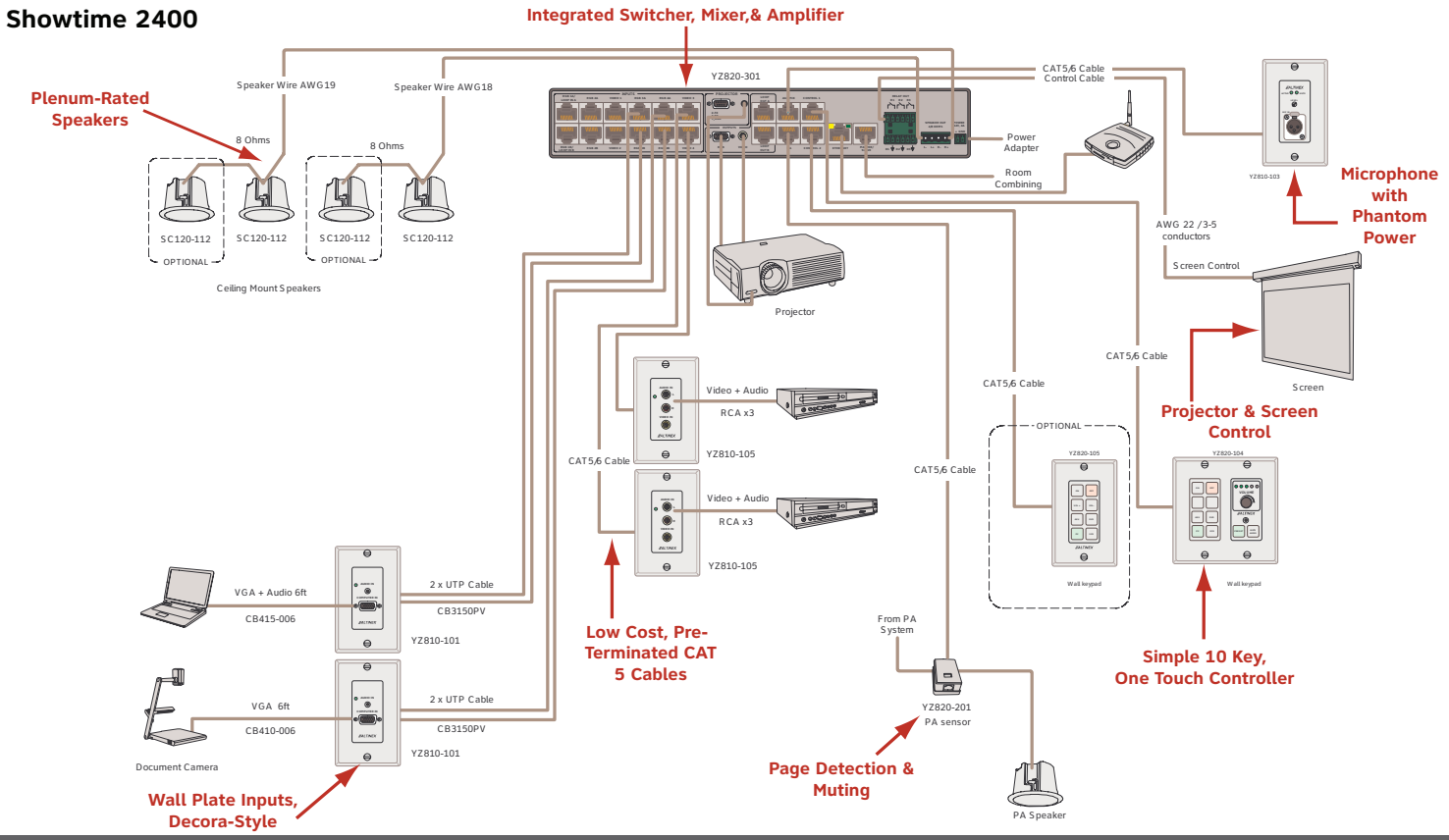
Introducing The Showtime Concept

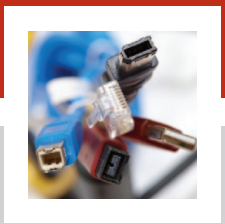
Showtime is an entire audio-visual automation solution for multimedia-enabled classrooms utilizing the existing projection and source devices, such as, DVD players, VCRs, document cameras, and video conference equipment. The system includes sound reinforcement with an integrated amplifier, speakers, and support for a microphone input. In addition to electronics, the system also includes all necessary cables – all in one box! Showtime systems are designed to give educators a powerful – yet affordable – multimedia-rich classroom.

Easy to Use

The Showtime system offers the user two methods of control – an automatic source "detect-and-select" feature and a one-touch button controller. The automatic selection feature is triggered when a new device's video signal is detected. For example, when a guest speaker connects to the computer wall plate and powers up, the screen image is detected and the Showtime system sends the image to the projector. The one-touch button controller is discussed further in the next section.

Showtime 2400





One-Touch Control Panel

The Showtime controller gives the presenter one-touch access to all available DVD players, VCRs, document cameras, video-on-demand players, or video conference equipment. That same button press turns the projector on and lowers the screen. If the classroom uses a flat panel monitor instead of a projector, the monitor is automatically turned on. In addition to device selection, the Showtime controller provides volume control and audio muting capabilities.

Lock out. The Showtime controller is available with a lock-out feature that prevents students from tampering with the projector or source devices. Pressing and holding a certain key and entering a pass code enables and disables the lock out feature.

Automatic Projector and Projection Screen Control

Showtime systems simplify display devices, such as a projector, projection screen, or flat panels. A simple press of the power button on the wall plate contro ller will turn on the projector and lower the projection screen. Devices are controlled using RS-232 or infra-red to support a wide range of display devices.

Easy to Install

Altinex keeps costs down on Classroom installations. Utilizing pre-terminated, plenum-rated unshielded twisted pair (UTP) CAT 5 cables, the Showtime integrated switcher using these industry standard CAT 5 cables to send and receive video AND supply power to the wall plates, controller, and sensors. The end result is a simplified and an overall lower cost installation.

Upgradeable

Showtime multimedia systems are upgradeable – in the field. This means that your school can add an additional computer or video wall plate input without harming your original investment. The original system does not have to be sent back to the factory or exchanged and the upgrade can happen quickly. Note: Showtime systems can support a maximum of 4 computer inputs and 4 video input sources. Scalability – another key feature of the Showtime system!

Room Combine

Two Showtime systems may operate independently as separate and discreet systems or may be joined together so one system controls both rooms and shares source devices. This feature is often used in partitioned multipurpose rooms.

Wall Plate Controller

Source Devices
One-touch selection of DVD players, video-on-demand, VCRs, document cameras, and video conference feeds

Volume Control
Rotary knob provides volume control for the current source device selected

Power
Power turns on the projector or other display device. If room is using electronic screen, the controller will lower the screen.

Mute
Mutes current audio selection

Active Signal Sensing

The Showtime integrated switcher is constantly watching the video ports on all connectors. When a new signal is detected the switcher instantly routes the new signal to the display. When the current signal is disconnected or otherwise disabled the switcher begins a hierarchal search for an active video signal starting at the first RGB source and continuing through to the fourth then first video to the fourth. The first active source found is routed to the display device. The concept is that the house computer will be connected to the first RGB connector and the guest is second. If the guest computer is shutdown, the signal reverts to the house computer. This feature may be disabled by a switch on the integrated switcher and can always be manually overridden by the controller.

Page and Alarm Sensing

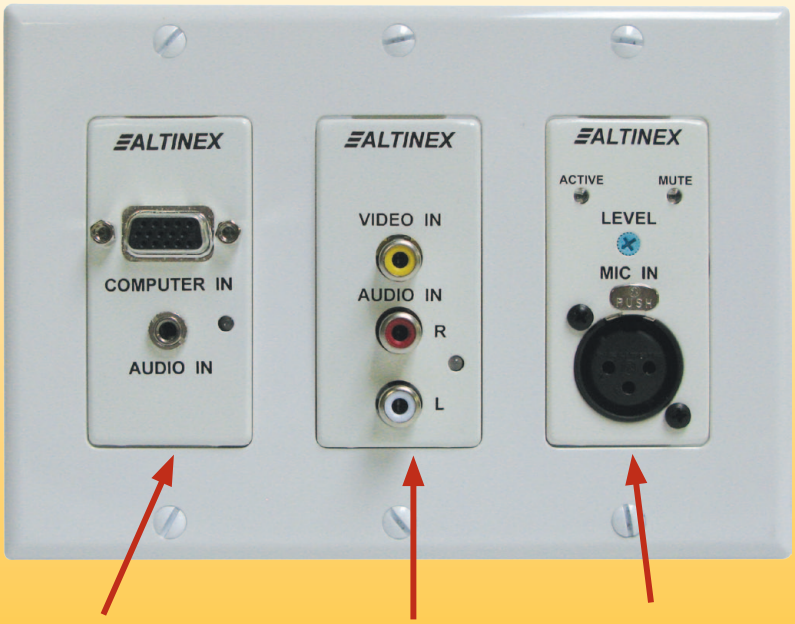
Showtime systems are frequently installed in existing classrooms with operational paging and alarm systems. The Showtime system comes with a sensor that wraps around the page or alarm speaker cable. When a page or alarm sounds, the Showtime audio automatically mutes so the page or alarm is clearly heard. Audio returns to normal when the page or alarm subsides.

Optional RF Microphone & ADA Support

Altinex has teamed with Sansonic Electronics to include RF (radio frequency) microphone and ADA (assisted listening) support to Showtime models 1100 and higher. This optional package incorporates Sansonic's HNB-C Modular Digital Wireless Mixer / Amplifier system, which includes a teacher's headset, a student microphone, and the ADA receiver with "pod style" earbuds for assisted listening with simultaneous second language translation. These AV systems enable, for example, classroom instructors to verbally annotate a video presentation while it plays – and be clearly heard.

The advantage of RF over IR is dramatic. Unlike IR communication that is dependent upon an unbroken 'line of sight' between the transmitter and receiver to maintain communication, RF has no such requirement. Hence, the instructor, for example, is free to write on a Smart board without fear of audio dropouts when using a wireless headset for sound reinforcement.

Decora-Style Wall Plates



Computer Wall Plate
PC, Mac, Doc Cam

Video Wall Plate
DVD, VCR, Video on Demand, Satellite

Microphone Wall Plate
Wired or wireless microphone with phantom power

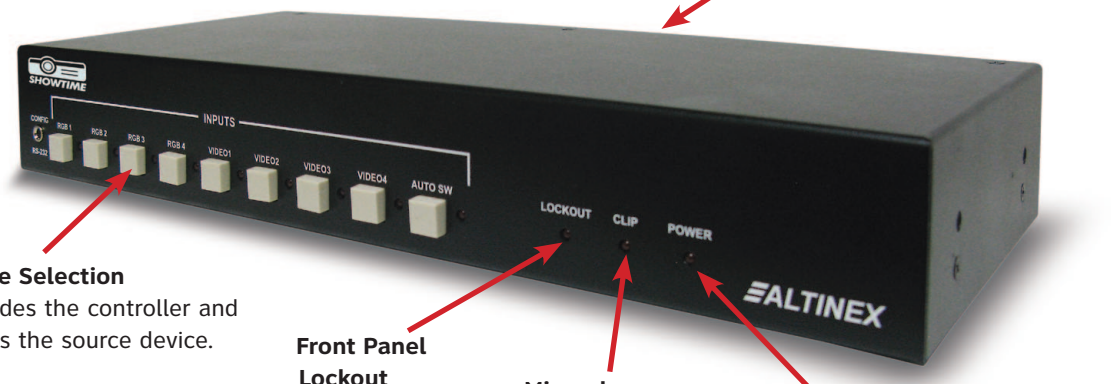
We offer a variety of optional connectivitiy solutions in designer DECORA - Style wall plates.

HDMI Wall Plate - for Digital Sources

VGA with Loop Out - for Local Monitor

Audio Line Out - for 3rd Party Amp or to support an Assisted Listening Device (ALD)

INTEGRATED
SWITCHER AMPLIFIER



Plenum Rated

Source Selection
Overrides the controller and selects the source device.

Front Panel Lockout Indicator

Microphone Clipping Indicator

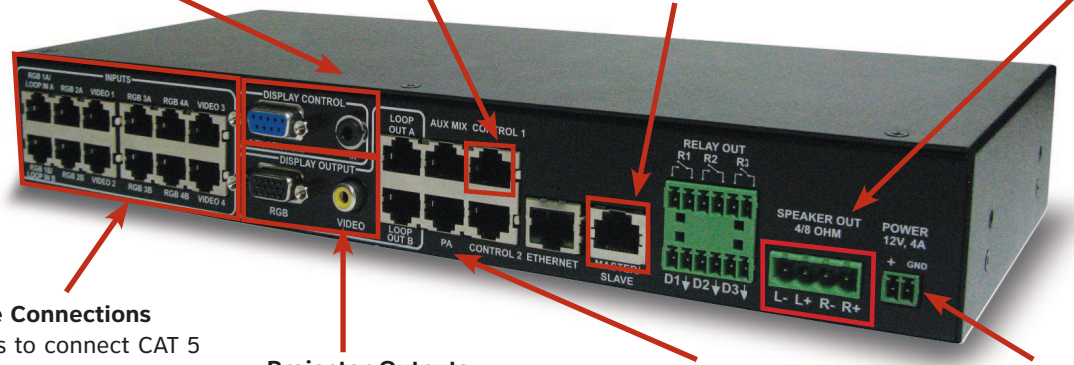
Power Indicator

Projector Control
RS-232 (serial) or IR (infrared) signals to control projector or other display device.

Controller Connector
Connects to wall plate controller. Controller is supplied power through the same cable.

Room Combine Control
Used to connect two rooms together in "room combine" mode. This is used in larger multimedia rooms where two rooms are combined to make one larger room for presentations.

Speaker Connections
Terminal block for 2-4 speakers.



Wall Plate Connections
Connectors to connect CAT 5 cables to Wall Plates. Wall plates are supplied power from this connector as well.

Projector Outputs
RGB and video outputs that go directly to the projector or other display device.

Paging Sensor Connector
Connects to paging sensor. Sensor power is supplied from this connector.

Power
12VDC Energy-Star Compliant Power Supply.

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SHOWTIME
Solution In A Box

for CLASSROOMS

- Complete audio-visual presentation system
- Easy to use
- Network enabled
- Saves power & projector life
- Administrator friendly
- Available in various sizes

easy to install | easy to use | easy to maintain

Also check out our wide range of products at
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